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CR-135850

November 30, 1973

Investigation Title: Utilization of Skylab (EREP) System
for Appraising Changes in Continental
Migratory Bird Habitat

Period: Monthly Progress Report, November 1973

EREP Investigation No: 486

NASA Contract No: T-4114B

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E74-10009) UTILIZATION OF SKYLAB (EREP)
SYSTEM FOR APPRAISING CHANGES IN
CONTINENTAL MIGRATORY BIRD HABITAT
Monthly (Bureau of Sport Fisheries and
Wildlife) 2 p HC \$3.00

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OVERALL STATUS

Computer compatible tapes comprising 11 seconds of S-192 data collected over site 866323 by SL-2 on 12 June 1973 have been on request since 21 September 1973. Apparently all photographic products for that observation have been received. No photographic products or S-192 screening film have been received for SL-3 observations. Because of the lack of data tapes no progress is being made on machine processing of data. A computer software program for generating statistics on surface water features has been tested but was found to be inaccurate when applied to satellite data. As a result, new algorithms have been written which will improve upon its accuracy as well as its applicability to synoptic (i.e. satellite acquired) data. These algorithms will be converted into software in the near future.

RECOMMENDATIONS FOR ACTION

There are no recommendations beyond those made in previous reports.

EXPECTED ACCOMPLISHMENTS DURING THE NEXT PERIOD

We will await the receipt of photographic data, S-192 screening film and CCT's.

SIGNIFICANT RESULTS

None to report.

SUMMARY OUTLOOK

The remaining processing and analysis to be performed constitutes the major effort of the program.

TRAVEL SUMMARY AND OUTLOOK

No travel has been undertaken or is anticipated for the forthcoming period.